HEATCRAFT™ Worldwide Refrigeration

Axial fan condenser

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

E Solutions Efficiency • Environment

NEOSTAR range

NEOSTAR POWER

The choice of **performance** and **low space requirement**.

- Capacity of up to 1,250 kW!
- Compactness: optimized heat exchange for reduced size.

NEOSTAR SILENCE

The choice of **efficiency** and **low noise**.

- Low rotation speed motors with optimized electrical power consumption.
- Perfect incorporation in an urban environment, extremely quiet motors.
- An electronic switching motor (EC) is proposed as an optional extra for all models in this range.

Energy efficiency
Low noise level

18 ▁▂▄▆ 1250 kW

FRIGA-BOHN

HK® REFRIGERATION

Market segments

FSM *Hard Discount - Supermarkets - Hypermarkets*
FCS *Refrigerated storage and transit stocking - Dispatch centres - Food processing - Canteen kitchens*

This NEOSTAR range is sub-divided into two product lines to better meet the needs expressed in the various application fields:

NEOSTAR POWER

Master the power

The "Power" range offers even more power in a space-saving unit.
The power rating of this unit may be as high as 1,250 kW!

An electronic switching motor (EC) is proposed as an optional extra for all our models to help reduce the energy footprint of the user's installations. Indeed, use of this type of motor offers a very significant reduction in energy consumption for a given power rating.
For this reason, the NEOSTAR range has been accorded the "E-Solution" label.

NEOSTAR SILENCE

Listen to the silence

The "Silence" range is perfectly adapted to city centre commercial applications and all other applications where quiet operation is a key factor. In compliance with Eurovent standards the sound pressure level at 10 metres is as low as 19 dB(A) per module!

Description

Casing

- The casing is made of galvanized, as well as pre-painted, galvanized sheet steel RAL 9002.
- The use of stainless steel screws guarantees excellent, long-lasting corrosion resistance (standard ISO 7253) and aesthetic quality.
- All components used have successfully passed the salt mist corrosion and Kesternich tests.
- The units are delivered screwed to a wooden base.
- Full crate packaging available as optional extra.

Ventilation

- The NEOSTAR air condenser range is equipped as standard with 2-speed, external rotor fans (star or delta connections).

NEOSTAR POWER

- The NEOSTAR Power range is equipped with the following motor fan units:

- Ø 910 mm (PU) : 06P (D/Y) = 880/670 rpm,
- Ø 800 mm (PN) : 06P (D/Y) = 885/685 rpm.

NEOSTAR SILENCE

- The NEOSTAR Silence range is equipped with the following fan units:

- Ø 800 mm : 08P (D/Y) = 660/*485* rpm,
- Ø 800 mm : 12P (D/Y) = 435/*340* rpm,
- Ø 800 mm : 16P (Y) = 255 rpm.

- These enclosed motors are of the type 400V/3/50Hz, IP54, class F, compliant with standard EN 60529, permanently lubricated. Please contact us when the temperature exceeds 60°C.
- The motor fan units are wired as standard and factory connected as follows:

- 1 to 3 switching boxes for the models L (motors connected in line),
- 2 to 8 switching boxes for the models P (motors connected in parallel).

- We are also able to deliver the units unwired upon request (SCU option).
- Fan guards are compliant with safety standards.
- Fans units with special voltage ratings:

- M60: Fans 400 V/3/60Hz, IP54, class F, in version 06P Ø 910 mm
- M26: Fans 230 V/3/60Hz, IP54, class F, in version 06P Ø 910 mm
- M25: Fans 230 V/3/50Hz, IP54, class F, in version 06P and 12P Ø 800 mm.

EC motor

- Electronic switching fan motors (EC) are also proposed as an optional extra and enable optimized operation of your installation. **This motor offers a reduction in energy consumption for a given power rating: a detailed comparison of the energy balance may be carried out for each project.**

Coil

- The air condensers of the NEOSTAR range are equipped with a high-performance, finned coil designed with profiled aluminium fins crimped onto internally grooved copper tubes.
- For this latest generation of condensers, a new optimized fin has been specially designed to improve performance, efficiency and compactness of the units.
- Special coil coatings are available (Vinyl protection (**BAE**), Blygold Polual XT protection (**BXT**)) offering greater corrosion resistance when used in aggressive atmospheres.

Selection software

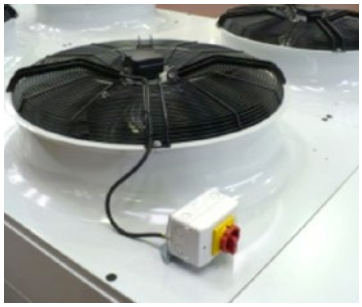
- A wider selection of models is given in our software package to better meet your needs and expectations.

Designation

PN(1) **06**(2)**D**(3) **P**(4)**08**(5) **A2**(6)

(1) **PN** (Power Normal) - **PU** (Power Ultra)
SN (Silence Normal) - **SE** (Silence Extra) - **SU** (Silence Ultra)
(2) Number of poles
(3) **D** = Delta connection - **Y** = Star connection
(4) Fan arrangement: **L** = fans in line - **P** = fans in parallel
(5) Number of fans
(6) Type of module

Certifications



Advantages

Installation

Installation horizontal or vertical position as required: in case of installation with horizontal air flow, the predominant wind direction must be taken into consideration to avoid any risk of hot air recirculation.

Motors supplied factory wired and connected to reduce installation time.

Support legs extended up to 1,840 mm (optional) to meet installation requirements.

Servicing / Maintenance

Unimpeded access to the coil rendering maintenance easier.

Kit	Factory	Options
		Ventilation
	M60	Fans 400 V/3/60Hz (please contact us for details).
	M25	Fans 230 V/3/50Hz (please contact us for details).
	M26	Fans 230 V/3/60Hz (please contact us for details).
	MTH	Motors equipped with a protection thermostat. Recommended with frequent start sequences (more than 30 start sequences per hour) or when a speed controller is used.
	IRP	Rotary proximity switch(es).
	C2V	2-speed factory wired in the switching box.
	SCU	Without factory wiring. To be indicated when ordering if the condenser unit is to be delivered unwired.
		Coil
	MCI	Multi-circuits.
	BAE	Vinyl protection of fins.
	BXT	Blygold Polual XT protection of fins (please contact us).
		Casing
	RAL	Special colours.
	REH	Legs extended by 240 mm (legs = 800 mm)
RE2		Legs extended by 840 mm (legs = 1,400 mm)
RE3		Legs extended by 1,340 mm (legs = 1,900 mm)
RE4		Legs extended by 1,840 mm (legs = 2,400 mm)
	ECB	Full crate packaging.
		Protection and control enclosure
	MEC	Condensation pressure control with speed variation using an electronic switching motor (EC).
	CMP	Motor protection cabinet.
	RP1	CMP + condensation pressure control with cascade stoppage of fans.
	RP2	CMP + condensation pressure control with speed variation (voltage).
	RP3	CMP + condensation pressure control with speed variation (frequency).
MSK		Floor mounting kit.
		Other options
		Please contact us for details.

NEOSTAR POWER	Capacity (1) DT1 = 15K	Ventilation			Total length	Ventilation					Coil		Connections			Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement		Air flow	True input power (3)	Fans	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides	
	kW	dB(A)			mm	m³/h	W total	Ø mm		dB(A)	m²	dm³	Ø mm			kg
PU 06D L01 A1	42,5	56	1	•	1512	23920	2350	910	E	88	68	8,7	7/8"	MC	-	153
PN 06D L01 A2	49,7	48	1	•	1512	17890	2000	800	E	80	102	13,0	7/8"	MC	-	162
PU 06D L01 A2	54,5	56	1	•	1512	21350	2460	910	E	88	102	13,0	7/8"	MC	-	164
PU 06D L01 B2	64,3	56	1	•	1842	23670	2360	910	E	88	127	16,3	7/8"	MC	-	183
PU 06D L01 B3	73,4	56	1	•	1842	21870	2450	910	E	88	169	21,7	1"1/8	MC	-	198
PU 06D L01 D2	76,4	56	1	•	2312	26010	2240	910	D	88	169	21,7	7/8"	MC	-	210
PN 06D P02 A1	77,7	51	2	:	1512	38960	3790	800	E	83	136	17,4	2x7/8"	MC	-	269
PN 06D L02 A1	77,9	51	2	••	2712	38960	3790	800	E	83	136	17,4	7/8"	MC	-	255
PU 06D P02 A1	85,1	59	2	:	1512	47840	4700	910	E	91	136	17,4	2x7/8"	MC	-	273
PU 06D L02 A1	85,4	59	2	••	2712	47840	4700	910	E	91	136	17,4	7/8"	MC	-	259
PU 06D L01 D3	88,4	56	1	•	2312	24660	2310	910	D	88	226	29,0	1"1/8	MC	-	228
PN 06D L02 A2	99,5	51	2	••	2712	35780	4000	800	E	83	203	26,1	1"1/8	MC	-	276
PN 06D P02 A2	99,5	51	2	:	1512	35780	4000	800	E	83	203	26,1	2x7/8"	MC	-	291
PU 06D L02 A2	109,2	59	2	••	2712	42700	4930	910	E	91	203	26,1	1"1/8	MC	-	280
PN 06D L02 B2	114,9	51	2	••	3342	38650	3810	800	E	83	254	32,6	1"1/8	MC	-	309
PN 06D P02 B2	115,0	51	2	:	1842	38650	3810	800	E	83	254	32,6	2x7/8"	MC	-	323
PU 06D L02 D1	119,5	59	2	••	4312	54950	4310	910	E	91	226	29,0	1"1/8	MC	-	343
PU 06D P02 D1	119,6	59	2	:	2312	54950	4310	910	E	91	226	29,0	2x7/8"	MC	-	322
PU 06D L02 B2	128,6	59	2	••	3342	47340	4730	910	E	91	254	32,6	1"1/8	MC	-	313
PU 06D P02 B2	128,8	59	2	:	1842	47340	4730	910	E	91	254	32,6	2x7/8"	MC	-	327
PN 06D P02 D2	134,6	51	2	:	2312	41570	3600	800	D	83	339	43,5	2x7/8"	MC	-	358
PU 06D P02 B3	146,7	59	2	:	1842	43730	4890	910	E	91	339	43,5	2x1"1/8	MC	-	354
PU 06D L02 B3	147,0	59	2	••	3342	43730	4890	910	E	91	339	43,5	1"1/8	MC	-	341
PU 06D P02 D2	152,7	59	2	:	2312	52010	4480	910	D	91	339	43,5	2x7/8"	MC	-	362
PU 06D L02 D2	154,5	59	2	••	4312	52010	4480	910	D	91	339	43,5	1"3/8	MC	-	378
PU 06D L02 B4	156,9	59	2	••	3342	40530	4960	910	D	91	424	54,4	1"3/8	MC	-	369
PU 06D L03 A2	164,9	61	3	•••	3912	64050	7390	910	E	93	305	39,1	1"3/8	MC	-	402
PN 06D L03 B2	172,5	53	3	•••	4842	57970	5720	800	E	85	381	48,9	1"3/8	MC	-	450
PU 06D L02 D3	175,5	59	2	••	4312	49310	4620	910	D	91	452	58,0	1"3/8	MC	-	413
PU 06D P02 D3	176,8	59	2	:	2312	49310	4620	910	D	91	452	58,0	2x1"1/8	MC	-	397
PU 06D L03 B2	192,2	61	3	•••	4842	71020	7090	910	E	93	381	48,9	1"3/8	MC	-	456
PN 06D P04 A2	199,2	54	4	::	2712	71570	8000	800	E	86	407	52,2	2x1"1/8	MC	-	510
PN 06D L04 A2	200,3	54	4	••••	5112	71570	8000	800	E	86	407	52,2	1"5/8	MC	-	508
PU 06D P04 A2	218,4	62	4	::	2712	85400	9860	910	E	94	407	52,2	2x1"1/8	MC	-	518
PU 06D L03 B3	219,7	61	3	•••	4842	65600	7340	910	E	93	508	65,2	1"5/8	MC	-	494
PN 06D P04 B2	229,8	54	4	::	3342	77290	7630	800	E	86	508	65,2	2x1"1/8	MC	-	564
PN 06D L04 B2	230,8	54	4	••••	6342	77290	7630	800	E	86	508	65,2	1"5/8	MC	-	579
PU 06D L03 D2	231,9	61	3	•••	6312	78020	6710	910	D	93	508	65,2	1"5/8	MC	-	546
PU 06D L03 B4	236,1	61	3	•••	4842	60800	7440	910	D	93	635	81,5	1"5/8	MC	-	534
PU 06D L04 A3	247,1	62	4	••••	5112	76730	9920	910	E	94	542	69,6	1"5/8	MC	-	558
PU 06D P04 A3	248,7	62	4	::	2712	76730	9920	910	E	94	542	69,6	2x1"1/8	MC	-	561
PU 06D L04 B2	256,9	62	4	••••	6342	94690	9450	910	E	94	508	65,2	1"5/8	MC	-	587
PU 06D P04 B2	257,0	62	4	::	3342	94690	9450	910	E	94	508	65,2	2x1"1/8	MC	-	572
PU 06D L03 D3	265,5	61	3	•••	6312	73960	6940	910	D	93	678	87,0	1"5/8	MC	-	598
PU 06D L05 A2	273,9	63	5	•••••	6312	106760	12320	910	E	95	508	65,2	1"5/8	MC	-	641
PU 06D P04 B3	294,0	62	4	::	3342	87460	9780	910	E	94	678	87,0	2x1"1/8	MC	-	626
PU 06D L04 B3	294,6	62	4	••••	6342	87460	9780	910	E	94	678	87,0	1"5/8	MC	-	639
PU 06D P04 D2	309,2	62	4	::	4312	104020	8950	910	D	94	678	87,0	2x1"3/8	MC	-	654
PU 06D L04 D2	309,4	62	4	••••	8438	104020	8950	910	D	94	678	87,0	1"5/8	-	CO	719
PU 06D P04 B4	313,9	62	4	::	3342	81060	9920	910	D	94	847	108,7	2x1"3/8	MC	-	679
PU 06D L05 B2	322,9	63	5	•••••	7998	118360	11820	910	E	95	635	81,5	1"5/8	-	CO	735
PU 06D L06 A2	323,7	64	6	••••••	7512	128110	14790	910	E	96	610	78,3	2"1/8	MC	-	763
PU 06D P06 A2	329,9	64	6	:::	3912	128110	14790	910	E	96	610	78,3	2x1"3/8	MC	-	747

NEOSTAR POWER - Axial fan condenser

NEOSTAR POWER	Capacity (1) DT1 = 15K	Ventilation			Total length	Ventilation					Coil		Connections			Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement		Air flow	True input power (3)	Fans	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides	
	kW	dB(A)			mm	m³/h	W total	Ø mm		dB(A)	m²	dm³	Ø mm			kg
PN 06D P06 B2	344,8	56	6	⁘	4842	115940	11440	800	E	88	762	97,9	2x1"3/8	MC	-	815
PU 06D P04 D3	351,1	62	4	⁘	4312	98620	9250	910	D	94	904	116,0	2x1"3/8	MC	-	725
PU 06D L04 D3	351,5	62	4	••••	8312	98620	9250	910	D	94	904	116,0	2"1/8	MC	-	792
PU 06D L05 B3	365,8	63	5	•••••	7842	109330	12230	910	E	95	847	108,7	2"1/8	MC	-	803
PU 06D L06 A3	371,2	64	6	••••••	7512	115090	14880	910	E	96	813	104,4	2"1/8	MC	-	828
PU 06D P06 B2	384,2	64	6	⁘	4842	142030	14180	910	E	96	762	97,9	2x1"3/8	MC	-	827
PU 06D L05 B4	392,8	63	5	•••••	7842	101330	12400	910	D	95	1059	135,9	2"1/8	MC	-	867
PN 06D P08 A2	400,6	57	8	⁘⁘	5112	143140	16000	800	E	89	813	104,4	2x1"5/8	MC	-	950
PU 06D P06 B3	439,4	64	6	⁘	4842	131200	14670	910	E	96	1017	130,5	2x1"5/8	MC	-	906
PU 06D P06 D2	463,9	64	6	⁘	6312	156040	13430	910	D	96	1017	130,5	2x1"5/8	MC	-	946
PU 06D P06 B4	472,1	64	6	⁘	4842	121600	14880	910	D	96	1271	163,1	2x1"5/8	MC	-	984
PU 06D P08 A3	494,2	65	8	⁘⁘	5112	153460	19840	910	E	97	1084	139,2	2x1"5/8	MC	-	1051
PU 06D P08 B2	514,0	65	8	⁘⁘	6342	189380	18900	910	E	97	1017	130,5	2x1"5/8	MC	-	1073
PU 06D P06 D3	531,1	64	6	⁘	6312	147930	13870	910	D	96	1355	174,0	2x1"5/8	MC	-	1054
PU 06D P10 A2	547,8	66	10	⁘⁘	6312	213510	24650	910	E	98	1017	130,5	2x1"5/8	MC	-	1198
PU 06D P06 D4	565,1	64	6	⁘	6312	140490	14250	910	D	96	1694	217,5	2x1"5/8	MC	-	1162
PN 06D P10 B2	577,0	58	10	⁘⁘	7998	193230	19070	800	E	90	1271	163,1	2x1"5/8	-	CO	1317
PU 06D P08 B3	589,0	65	8	⁘⁘	6342	174930	19560	910	E	97	1355	174,0	2x1"5/8	MC	-	1185
PN 06D P12 A2	592,1	59	12	⁘⁘⁘	7512	214700	24000	800	E	91	1220	156,6	2x2"1/8	MC	-	1403
PU 06D P08 D2	618,8	65	8	⁘⁘	8438	208050	17900	910	D	97	1355	174,0	2x1"5/8	-	CO	1244
PU 06D P10 A3	621,3	66	10	⁘⁘	6312	191820	24800	910	E	98	1355	174,0	2x1"5/8	MC	-	1309
PU 06D P10 B2	645,8	66	10	⁘⁘	7998	236720	23630	910	E	98	1271	163,1	2x1"5/8	-	CO	1337
PU 06D P12 A2	647,6	67	12	⁘⁘⁘	7512	256210	29580	910	E	99	1220	156,6	2x2"1/8	MC	-	1427
PN 06D P12 A3	680,3	59	12	⁘⁘⁘	7512	199080	24000	800	E	91	1627	208,8	2x2"1/8	MC	-	1534
PN 06D P12 B2	687,8	59	12	⁘⁘⁘	9498	231880	22890	800	E	91	1525	195,7	2x2"1/8	-	CO	1571
PN 06D P14 A2	697,7	59	14	⁘⁘⁘⁘	8838	250490	28000	800	E	91	1423	182,7	2x2"1/8	-	CO	1603
PU 06D P08 D3	703,0	65	8	⁘⁘	8312	197240	18490	910	D	97	1807	232,0	2x2"1/8	MC	-	1390
PU 06D P10 B3	731,6	66	10	⁘⁘	7842	218660	24450	910	E	98	1694	217,5	2x2"1/8	MC	-	1474
PU 06D P12 A3	742,3	67	12	⁘⁘⁘	7512	230180	29760	910	E	99	1627	208,8	2x2"1/8	MC	-	1558
PU 06D P10 D2	765,7	66	10	⁘⁘	10438	260060	22380	910	D	98	1694	217,5	2x2"1/8	-	CO	1544
PU 06D P12 B2	767,1	67	12	⁘⁘⁘	9498	284060	28360	910	E	99	1525	195,7	2x2"1/8	-	CO	1595
PU 06D P10 B4	785,7	66	10	⁘⁘	7842	202660	24800	910	D	98	2118	271,8	2x2"1/8	MC	-	1602
PN 06D P14 B2	794,4	59	14	⁘⁘⁘⁘	10998	270520	26700	800	E	91	1779	228,3	2x2"1/8	-	CO	1833
PU 06D P14 A3	852,7	67	14	⁘⁘⁘⁘	8712	268550	34720	910	E	99	1898	243,6	2x2"1/8	MC	-	1766
PU 06D P12 B3	882,3	67	12	⁘⁘⁘	9498	262390	29350	910	E	99	2033	260,9	2x2"1/8	-	CO	1756
PU 06D P14 B2	883,8	67	14	⁘⁘⁘⁘	10998	331410	33080	910	E	99	1779	228,3	2x2"1/8	-	CO	1861
PU 06D P12 D2	928,0	67	12	⁘⁘⁘	12312	312070	26850	910	D	99	2033	260,9	2x2"1/8	MC	-	1839
PU 06D P12 B4	933,0	67	12	⁘⁘⁘	9342	243190	29760	910	D	99	2542	326,2	2x2"1/8	MC	-	1909
PU 06D P16 A3	989,3	68	16	⁘⁘⁘⁘	10038	306910	39680	910	E	100	2169	278,3	2x2"1/8	-	CO	1963
PU 06D P14 B3	1020,9	67	14	⁘⁘⁘⁘	10998	306120	34240	910	E	99	2372	304,4	2x2"1/8	-	CO	2039
PU 06D P12 D3	1040,6	67	12	⁘⁘⁘	12438	295860	27740	910	D	99	2711	347,9	2x2"1/8	-	CO	2049
PU 06D P12 D4	1129,5	67	12	⁘⁘⁘	12438	280980	28510	910	D	99	3389	434,9	2x2"5/8	-	CO	2253
PU 06D P16 B3	1149,7	68	16	⁘⁘⁘⁘	12498	349860	39130	910	E	100	2711	347,9	2x2"5/8	-	CO	2312
PU 06D P16 B4	1242,4	68	16	⁘⁘⁘⁘	12498	324260	39680	910	D	100	3389	434,9	2x2"5/8	-	CO	2516

PN 06D : *880 rpm - 2000 W max. - 4,30 A max. (4)*
PU 06D : *885 rpm - 2480 W max. - 5,15 A max. (4)*
PN 06Y : *670 rpm - 1270 W max. - 2,50 A max. (4)*
PU 06Y : *685 rpm - 1570 W max. - 2,90 A max. (4)*

(1) Capacities are expressed in kW for R404A with DT1 = 15 K. They are equal to the capacities measured in accordance with standard CEN EN 327.
"DT1" represents the difference between the ambient air temperature and the condensation temperature considered equal at an equivalent condenser inlet pressure.

(2) Sound pressure level in dB(A) measured at 10 m, line of sight, on a reflective parallelepiped measurement surface, given for information only. Values measured under nominal operating conditions with clean coils and rated voltage.
(3) Power required for all motors.
(4) Setting of overload protection levels.

M60	M25	M26	MTH	IRP	C2V	SCU	MCI	BAE	BXT	REH	RE ..	ECB	MEC	CMP	RP1	RP2	RP3	MSK
+1	+1	+1	o	o	o	o	o	o	+1	o	o	o	o	o	o	o	o	o

NEOSTAR SILENCE	Capacity (1) DT1 = 15K	Ventilation			Total length	Ventilation					Coil		Connections			Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement		Air flow	True input power (3)	Fans	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides	
	kW	dB(A)			mm	m³/h	W total	Ø mm		dB(A)	m²	dm³	Ø mm			kg
SU 16Y L01 A1	17,8	16	1	•	1512	4980	100	800	A	48	68	8,7	7/8"	X	-	151
SU 16Y L01 B1	20,4	16	1	•	1842	5420	100	800	A	48	85	10,9	7/8"	X	-	167
SU 12Y L01 A1	20,8	23	1	•	1512	6250	120	800	A	55	68	8,7	7/8"	X	-	151
SU 16Y L01 D1	23,1	16	1	•	2312	5880	100	800	A	48	113	14,5	7/8"	X	-	188
SU 12Y L01 B1	23,5	23	1	•	1842	6740	120	800	A	55	85	10,9	7/8"	X	-	167
SE 12D L01 A1	24,3	29	1	•	1512	8060	200	800	A	61	68	8,7	7/8"	X	-	151
SU 16Y L01 D2	25,5	16	1	•	2312	5490	100	800	A	48	169	21,7	7/8"	X	-	208
SU 12Y L01 D1	26,8	23	1	•	2312	7250	120	800	A	55	113	14,5	7/8"	X	-	188
SU 12Y L01 B3	27,3	23	1	•	1842	5730	130	800	A	55	169	21,7	7/8"	X	-	196
SE 12D L01 B1	27,5	29	1	•	1842	8530	200	800	A	61	85	10,9	7/8"	X	-	167
SE 12D L01 D1	31,1	29	1	•	2312	8990	190	800	A	61	113	14,5	7/8"	X	-	188
SN 08Y L01 B1	33,1	35	1	•	1842	11580	520	800	C	67	85	10,9	7/8"	X	-	167
SN 08D L01 A1	33,3	41	1	•	1512	14170	850	800	D	73	68	8,7	7/8"	X	-	151
SU 16Y L02 A1	35,6	19	2	••	2712	9960	210	800	A	51	136	17,4	7/8"	X	-	255
SU 16Y P02 A1	35,6	19	2	:	1512	9960	210	800	A	51	136	17,4	2x7/8"	X	-	269
SE 12D L01 D2	36,8	29	1	•	2312	8600	200	800	A	61	169	21,7	7/8"	X	-	208
SN 08D L01 B1	38,1	41	1	•	1842	15020	820	800	C	73	85	10,9	7/8"	X	-	167
SN 08Y L01 D1	38,4	35	1	•	2312	12340	510	800	B	67	113	14,5	7/8"	X	-	188
SN 08Y L01 B2	39,6	35	1	•	1842	10670	540	800	B	67	127	16,3	7/8"	X	-	181
SU 16Y L02 B1	40,3	19	2	••	3342	10840	210	800	A	51	169	21,7	1"1/8	X	-	283
SU 16Y P02 B1	40,6	19	2	:	1842	10840	210	800	A	51	169	21,7	2x7/8"	X	-	293
SN 08D L01 A2	41,4	41	1	•	1512	12990	870	800	C	73	102	13,0	7/8"	X	-	162
SU 12Y P02 A1	41,4	26	2	:	1512	12500	250	800	A	58	136	17,4	2x7/8"	X	-	269
SU 12Y L02 A1	41,6	26	2	••	2712	12500	250	800	A	58	136	17,4	7/8"	X	-	255
SU 16Y P02 D1	46,1	19	2	:	2312	11760	210	800	A	51	226	29,0	2x7/8"	X	-	318
SN 08Y L01 D2	46,2	35	1	•	2312	11700	520	800	B	67	169	21,7	7/8"	X	-	208
SU 16Y L02 D1	46,7	19	2	••	4312	11760	210	800	A	51	226	29,0	1"1/8	X	-	339
SU 12Y L02 B1	47,0	26	2	••	3342	13490	240	800	A	58	169	21,7	1"1/8	X	-	283
SU 12Y P02 B1	47,2	26	2	:	1842	13490	240	800	A	58	169	21,7	2x7/8"	X	-	293
SN 08D L01 B2	47,4	41	1	•	1842	14060	850	800	C	73	127	16,3	7/8"	X	-	181
SE 12D P02 A1	48,5	32	2	:	1512	16110	410	800	A	64	136	17,4	2x7/8"	X	-	269
SE 12D L02 A1	48,7	32	2	••	2712	16110	410	800	A	64	136	17,4	7/8"	X	-	255
SU 16Y L02 D2	50,9	19	2	••	4312	10980	210	800	A	51	339	43,5	1"3/8	X	-	374
SU 16Y P02 D2	51,2	19	2	:	2312	10980	210	800	A	51	339	43,5	2x7/8"	X	-	358
SN 08D L01 B3	52,6	41	1	•	1842	13230	870	800	C	73	169	21,7	7/8"	X	-	196
SU 12Y L02 B2	53,5	26	2	••	3342	12370	250	800	A	58	254	32,6	1"1/8	X	-	309
SU 12Y P02 D1	53,6	26	2	:	2312	14500	230	800	A	58	226	29,0	2x7/8"	X	-	318
SU 16Y L03 A1	53,6	21	3	•••	3912	14940	320	800	A	53	203	26,1	1"1/8	X	-	366
SE 12D L02 B1	54,8	32	2	••	3342	17050	390	800	A	64	169	21,7	1"1/8	X	-	283
SE 12D P02 B1	54,9	32	2	:	1842	17050	390	800	A	64	169	21,7	2x7/8"	X	-	293
SN 08D L01 D2	55,1	41	1	•	2312	15150	820	800	C	73	169	21,7	7/8"	X	-	208
SN 08Y L02 A1	57,7	38	2	••	2712	21550	1070	800	C	70	136	17,4	7/8"	X	-	255
SN 08Y P02 A1	57,7	38	2	:	1512	21550	1070	800	C	70	136	17,4	2x7/8"	X	-	269
SU 16Y L03 B1	60,3	21	3	•••	4842	16260	320	800	A	53	254	32,6	1"1/8	X	-	412
SN 08D L01 D3	61,1	41	1	•	2312	14510	840	800	B	73	226	29,0	1"1/8	X	-	226
SU 12Y P02 D2	61,3	26	2	:	2312	13640	240	800	A	58	339	43,5	2x7/8"	X	-	358
SE 12D P02 D1	62,2	32	2	:	2312	17990	380	800	A	64	226	29,0	2x7/8"	X	-	318
SU 12Y L03 A1	62,4	28	3	•••	3912	18750	370	800	A	60	203	26,1	1"1/8	X	-	366
SE 12D L02 B2	64,6	32	2	••	3342	15990	410	800	A	64	254	32,6	1"1/8	X	-	309
SN 08Y L02 B1	66,0	38	2	••	3342	23170	1050	800	C	70	169	21,7	1"1/8	X	-	283
SN 08Y P02 B1	66,0	38	2	:	1842	23170	1050	800	C	70	169	21,7	2x7/8"	X	-	293
SN 08D P02 A1	66,6	44	2	:	1512	28340	1690	800	D	76	136	17,4	2x7/8"	X	-	269
SN 08D L02 A1	66,8	44	2	••	2712	28340	1690	800	D	76	136	17,4	7/8"	X	-	255

NEOSTAR SILENCE - Axial fan condenser

NEOSTAR SILENCE	Capacity (1) DT1 = 15K	Ventilation			Total length	Ventilation					Coil		Connections			Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement		Air flow	True input power (3)	Fans	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides	
	kW	dB(A)			mm	m^3/h	W total	Ø mm		dB(A)	m^2	dm^3	Ø mm			kg
SU 16Y L03 B2	**66,8**	21	3	•••	4842	14760	320	800	A	53	381	48,9	1"3/8	X	-	450
SN 08Y L02 A2	**68,9**	38	2	••	2712	19240	1090	800	C	70	203	26,1	1"1/8	X	-	276
SU 12Y L03 B1	**70,2**	28	3	•••	4842	20230	360	800	A	60	254	32,6	1"1/8	X	-	412
SU 16Y L04 A1	**71,2**	22	4	••••	5112	19920	420	800	A	54	271	34,8	1"3/8	X	-	468
SU 16Y P04 A1	**71,3**	22	4	::	2712	19920	420	800	A	54	271	34,8	2x7/8"	X	-	468
SE 12D L03 A1	**73,0**	34	3	•••	3912	24170	610	800	A	66	203	26,1	1"1/8	X	-	366
SE 12D L02 D2	**73,5**	32	2	••	4312	17190	390	800	A	64	339	43,5	1"3/8	X	-	374
SE 12D P02 D2	**73,6**	32	2	:	2312	17190	390	800	A	64	339	43,5	2x7/8"	X	-	358
SN 08D P02 B1	**76,2**	44	2	:	1842	30050	1640	800	C	76	169	21,7	2x7/8"	X	-	293
SN 08D L02 B1	**76,4**	44	2	••	3342	30050	1640	800	C	76	169	21,7	1"1/8	X	-	283
SN 08Y P02 D1	**76,6**	38	2	:	2312	24690	1030	800	B	70	226	29,0	2x7/8"	X	-	318
SE 12D L02 D3	**78,0**	32	2	••	4312	16490	400	800	A	64	452	58,0	1"3/8	X	-	409
SN 08Y L02 B2	**79,2**	38	2	••	3342	21330	1070	800	B	70	254	32,6	1"1/8	X	-	309
SU 12Y L03 B2	**80,1**	28	3	•••	4842	18560	370	800	A	60	381	48,9	1"3/8	X	-	450
SU 16Y P04 B1	**80,5**	22	4	::	3342	21680	420	800	A	54	339	43,5	2x1"1/8	X	-	513
SU 16Y L04 B1	**81,3**	22	4	••••	6342	21680	420	800	A	54	339	43,5	1"3/8	X	-	528
SE 12D L03 B1	**82,2**	34	3	•••	4842	25580	590	800	A	66	254	32,6	1"1/8	X	-	412
SU 12Y L04 A1	**83,0**	29	4	••••	5112	25000	500	800	A	61	271	34,8	1"3/8	X	-	468
SU 12Y P04 A1	**83,0**	29	4	::	2712	25000	500	800	A	61	271	34,8	2x7/8"	X	-	468
SN 08D L02 A2	**83,1**	44	2	••	2712	25990	1740	800	C	76	203	26,1	1"1/8	X	-	276
SN 08D P02 A2	**83,1**	44	2	:	1512	25990	1740	800	C	76	203	26,1	2x7/8"	X	-	291
SE 12D L03 A2	**86,2**	34	3	•••	3912	22160	630	800	A	66	305	39,1	1"3/8	X	-	396
SN 08Y L03 A1	**86,6**	40	3	•••	3912	32330	1600	800	C	72	203	26,1	1"1/8	X	-	366
SU 16Y P04 B2	**89,0**	22	4	::	3342	19680	420	800	A	54	508	65,2	2x1"1/8	X	-	564
SN 08D P02 D1	**89,1**	44	2	:	2312	31700	1580	800	C	76	226	29,0	2x7/8"	X	-	318
SU 16Y L05 A1	**89,6**	23	5	•••••	6312	24900	520	800	A	55	339	43,5	1"3/8	X	-	579
SN 08Y L02 D2	**92,4**	38	2	••	4312	23400	1040	800	B	70	339	43,5	1"3/8	X	-	374
SN 08Y P02 D2	**92,4**	38	2	:	2312	23400	1040	800	B	70	339	43,5	2x7/8"	X	-	358
SU 16Y P04 D1	**93,4**	22	4	::	4312	23530	420	800	A	54	452	58,0	2x1"1/8	X	-	575
SU 16Y L04 D1	**93,5**	22	4	••••	8438	23530	420	800	A	54	452	58,0	1"3/8	-	X	641
SU 12Y P04 B1	**94,0**	29	4	::	3342	26980	480	800	A	61	339	43,5	2x1"1/8	X	-	513
SN 08D L02 B2	**94,4**	44	2	••	3342	28110	1700	800	C	76	254	32,6	1"1/8	X	-	309
SU 12Y L03 D3	**94,6**	28	3	•••	6312	19340	370	800	A	60	678	87,0	1"1/8	X	-	592
SU 12Y L04 B1	**94,6**	29	4	••••	6342	26980	480	800	A	61	339	43,5	1"3/8	X	-	528
SN 08D P02 B2	**94,9**	44	2	:	1842	28110	1700	800	C	76	254	32,6	2x7/8"	X	-	323
SU 16Y L05 A2	**97,1**	23	5	•••••	6312	21930	520	800	A	55	508	65,2	1"5/8	X	-	631
SE 12D L03 B2	**97,3**	34	3	•••	4842	23980	610	800	A	66	381	48,9	1"3/8	X	-	450
SE 12D L04 A1	**97,3**	35	4	••••	5112	32230	810	800	A	67	271	34,8	1"3/8	X	-	468
SE 12D P04 A1	**97,4**	35	4	::	2712	32230	810	800	A	67	271	34,8	2x7/8"	X	-	468
SN 08Y L03 B1	**99,0**	40	3	•••	4842	34750	1570	800	C	72	254	32,6	1"1/8	X	-	412
SN 08Y L02 D3	**99,5**	38	2	••	4312	22210	1060	800	B	70	452	58,0	1"3/8	X	-	409
SN 08D L03 A1	**100,3**	46	3	•••	3912	42510	2540	800	D	78	203	26,1	1"1/8	X	-	366
SU 16Y L05 B1	**101,5**	23	5	•••••	7998	27100	520	800	A	55	424	54,4	1"3/8	-	X	661
SU 16Y P04 D2	**101,7**	22	4	::	4312	21950	420	800	A	54	678	87,0	2x1"3/8	X	-	646
SN 08Y L03 A2	**103,4**	40	3	•••	3912	28850	1640	800	C	72	305	39,1	1"3/8	X	-	396

SN 08D : *660 rpm - 980 W max. - 2,41 A max. (4)*
SE 12D : *435 rpm - 230 W max. - 0,59 A max. (4)*
SN 08Y : *485 rpm - 570 W max. - 1,21 A max. (4)*
SU 12Y : *340 rpm - 140 W max. - 0,29 A max. (4)*
SU 16Y : *255 rpm - 100 W max. - 0,25 A max. (4)*

(1) Capacities are expressed in kW for R404A with DT1 = 15 K. They are equal to the capacities measured in accordance with standard CEN EN 327. "DT1" represents the difference between the ambient air temperature and the condensation temperature considered equal at an equivalent condenser inlet pressure.

(2) Sound pressure level in dB(A) measured at 10 m, line of sight, on a reflective parallelepiped measurement surface, given for information only. Values measured under nominal operating conditions with clean coils and rated voltage.
(3) Power required for all motors.
(4) Setting of overload protection levels.

M60	M25	M26	MTH	IRP	C2V	SCU	MCI	BAE	BXT	REH	RE ..	ECB	MEC	CMP	RP1	RP2	RP3	MSK
+1	+1	+1	o	o	o	o	o	o	+1	o	o	o	o	o	o	o	o	o

NEOSTAR SILENCE - Axial fan condenser

R404A | DT1 = 15K

NEOSTAR SILENCE	Capacity (1) DT1 = 15K	Ventilation			Total length	Ventilation					Coil		Connections			Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement		Air flow	True input power (3)	Fans	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides	
	kW	dB(A)			mm	m³/h	W total	Ø mm		dB(A)	m²	dm³	Ø mm			kg
SU 12Y L05 A1	104,0	30	5	•••••	6312	31260	620	800	A	62	339	43,5	1"3/8	X	-	579
SN 08D L02 B3	105,8	44	2	••	3342	26460	1730	800	C	76	339	43,5	1"1/8	X	-	337
SU 12Y L04 B2	106,8	29	4	••••	6342	24750	500	800	A	61	508	65,2	1"5/8	X	-	579
SU 12Y P04 B2	107,1	29	4	::	3342	24750	500	800	A	61	508	65,2	2x1"1/8	X	-	564
SU 16Y L06 A1	107,2	24	6	••••••	7512	29870	630	800	A	56	407	52,2	1"3/8	X	-	690
SU 16Y P06 A1	107,2	24	6	:::	3912	29870	630	800	A	56	407	52,2	2x1"1/8	X	-	673
SU 12Y P04 B3	108,6	29	4	::	3342	22930	510	800	A	61	678	87,0	2x1"1/8	X	-	618
SE 12D P04 B1	109,5	35	4	::	3342	34110	790	800	A	67	339	43,5	2x1"1/8	X	-	513
SE 12D L04 B1	109,9	35	4	••••	6342	34110	790	800	A	67	339	43,5	1"3/8	X	-	528
SN 08D P02 D2	110,1	44	2	:	2312	30300	1630	800	C	76	339	43,5	2x7/8"	X	-	358
SE 12D L03 D2	110,2	34	3	•••	6312	25790	590	800	A	66	508	65,2	1"5/8	X	-	540
SN 08D L02 D2	110,5	44	2	••	4312	30300	1630	800	C	76	339	43,5	1"3/8	X	-	374
SU 16Y L05 B2	110,5	23	5	•••••	7998	24600	520	800	A	55	635	81,5	1"5/8	-	X	725
SN 08D L03 B1	114,6	46	3	•••	4842	45070	2460	800	C	78	254	32,6	1"1/8	X	-	412
SE 12D L04 A2	114,7	35	4	••••	5112	29550	840	800	A	67	407	52,2	1"1/8	X	-	508
SE 12D P04 A2	115,1	35	4	::	2712	29550	840	800	A	67	407	52,2	2x1"1/8	X	-	510
SN 08Y L04 A1	115,2	41	4	••••	5112	43100	2140	800	C	73	271	34,8	1"3/8	X	-	468
SN 08Y P04 A1	115,4	41	4	::	2712	43100	2140	800	C	73	271	34,8	2x7/8"	X	-	468
SU 16Y P06 A2	115,6	24	6	:::	3912	26320	630	800	A	56	610	78,3	2x1"3/8	X	-	735
SU 12Y L05 A2	117,6	30	5	•••••	6312	28030	640	800	A	62	508	65,2	1"5/8	X	-	631
SN 08Y L03 B2	119,4	40	3	•••	4842	32000	1610	800	B	72	381	48,9	1"3/8	X	-	450
SE 12D L05 A1	122,0	36	5	•••••	6312	40280	1010	800	A	68	339	43,5	1"3/8	X	-	579
SN 08D P02 D3	122,2	44	2	:	2312	29030	1670	800	B	76	452	58,0	2x1"1/8	X	-	393
SU 12Y P04 D2	122,2	29	4	::	4312	27280	480	800	A	61	678	87,0	2x1"3/8	X	-	646
SU 12Y L04 D2	122,3	29	4	••••	8438	27280	480	800	A	61	678	87,0	1"5/8	-	X	711
SU 12Y P06 A1	124,9	31	6	:::	3912	37510	740	800	A	63	407	52,2	2x1"1/8	X	-	673
SN 08D L03 A2	125,1	46	3	•••	3912	38980	2610	800	C	78	305	39,1	1"3/8	X	-	396
SE 12D P04 B2	129,2	35	4	::	3342	31980	810	800	A	67	508	65,2	2x1"1/8	X	-	564
SE 12D L04 B2	129,6	35	4	••••	6342	31980	810	800	A	67	508	65,2	1"5/8	X	-	579
SN 08Y L04 B1	132,6	41	4	••••	6342	46330	2090	800	C	73	339	43,5	1"3/8	X	-	528
SU 12Y L05 B2	133,3	30	5	•••••	7998	30940	620	800	A	62	635	81,5	1"5/8	-	X	725
SN 08D P04 A1	133,6	47	4	::	2712	56680	3380	800	D	79	271	34,8	2x7/8"	X	-	468
SN 08D L04 A1	133,8	47	4	••••	5112	56680	3380	800	D	79	271	34,8	1"3/8	X	-	468
SE 12D L05 B1	137,5	36	5	•••••	7998	42640	980	800	A	68	424	54,4	1"3/8	-	X	661
SN 08Y L04 A2	137,5	41	4	••••	5112	38470	2190	800	C	73	407	52,2	1"5/8	X	-	508
SN 08Y P04 A2	137,8	41	4	::	2712	38470	2190	800	C	73	407	52,2	2x1"1/8	X	-	510
SN 08Y L03 D2	138,8	40	3	•••	6312	35100	1570	800	B	72	508	65,2	1"5/8	X	-	540
SU 16Y P06 D1	139,9	24	6	:::	6312	35290	630	800	A	56	678	87,0	2x1"3/8	X	-	829
SU 12Y P06 B1	140,2	31	6	:::	4842	40460	720	800	A	63	508	65,2	2x1"1/8	X	-	738
SU 12Y L06 A2	141,2	31	6	••••••	7512	33640	770	800	A	63	610	78,3	2"1/8	X	-	751
SN 08D L03 B2	142,5	46	3	•••	4842	42170	2550	800	C	78	381	48,9	1"3/8	X	-	450
SU 16Y P08 A1	142,5	25	8	::::	5112	39830	840	800	A	57	542	69,6	2x1"3/8	X	-	869
SE 12D L05 A2	143,9	36	5	•••••	6312	36940	1060	800	A	68	508	65,2	1"5/8	X	-	631
SN 08Y L05 A1	144,2	42	5	•••••	6312	53880	2670	800	C	74	339	43,5	1"3/8	X	-	579
SE 12D P06 A1	146,0	37	6	:::	3912	48340	1220	800	A	69	407	52,2	2x1"1/8	X	-	673
SE 12D L06 A1	146,1	37	6	••••••	7512	48340	1220	800	A	69	407	52,2	1"3/8	X	-	690
SE 12D P04 D2	146,9	35	4	::	4312	34390	780	800	A	67	678	87,0	2x1"3/8	X	-	646
SE 12D L04 D2	147,0	35	4	••••	8438	34390	780	800	A	67	678	87,0	1"5/8	-	X	711
SU 16Y P06 D2	152,5	24	6	:::	6312	32930	630	800	A	56	1017	130,5	2x1"5/8	X	-	934
SN 08D P04 B1	152,7	47	4	::	3342	60100	3280	800	C	79	339	43,5	2x1"1/8	X	-	513
SN 08D L04 B1	153,3	47	4	••••	6342	60100	3280	800	C	79	339	43,5	1"3/8	X	-	528
SN 08Y P04 B2	158,4	41	4	::	3342	42660	2140	800	B	73	508	65,2	2x1"1/8	X	-	564
SN 08Y L04 B2	158,9	41	4	••••	6342	42660	2140	800	B	73	508	65,2	1"5/8	X	-	579

NEOSTAR SILENCE - Axial fan condenser

NEOSTAR SILENCE	Capacity (1) DT1 = 15K	Ventilation			Total length	Ventilation					Coil		Connections			Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement		Air flow	True input power (3)	Fans	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides	
	kW	dB(A)			mm	m³/h	W total	Ø mm		dB(A)	m²	dm³	Ø mm			kg
SE 12D L05 B2	161,9	36	5	•••••	7998	39970	1020	800	A	68	635	81,5	1"5/8	-	X	725
SU 16Y P08 B1	162,5	25	8	::::	6342	43370	840	800	A	57	678	87,0	2x1"3/8	X	-	955
SU 12Y P06 D1	162,9	31	6	:::	6312	43510	700	800	A	63	678	87,0	2x1"3/8	X	-	829
SE 12D P06 B1	164,2	37	6	:::	4842	51160	1180	800	A	69	508	65,2	2x1"1/8	X	-	738
SU 12Y P08 A1	165,9	32	8	::::	5112	50010	990	800	A	64	542	69,6	2x1"3/8	X	-	869
SN 08D L04 A2	166,2	47	4	••••	5112	51970	3490	800	C	79	407	52,2	1"5/8	X	-	508
SN 08D P04 A2	166,2	47	4	::	2712	51970	3490	800	C	79	407	52,2	2x1"1/8	X	-	510
SN 08Y L06 A1	171,5	43	6	••••••	7512	64660	3210	800	C	75	407	52,2	1"5/8	X	-	690
SN 08Y L05 A2	171,8	42	5	•••••	6312	48090	2740	800	C	74	508	65,2	1"5/8	X	-	631
SE 12D P06 A2	172,4	37	6	:::	3912	44330	1270	800	A	69	610	78,3	2x1"3/8	X	-	735
SE 12D L06 A2	172,9	37	6	••••••	7512	44330	1270	800	A	69	610	78,3	2"1/8	X	-	751
SN 08Y P06 A1	173,3	43	6	:::	3912	64660	3210	800	C	75	407	52,2	2x1"1/8	X	-	673
SU 16Y P10 A1	179,0	26	10	:::::	6312	49790	1050	800	A	58	678	87,0	2x1"3/8	X	-	1075
SU 12Y P06 D2	183,4	31	6	:::	6312	40910	720	800	A	63	1017	130,5	2x1"5/8	X	-	934
SN 08D L04 A3	184,0	47	4	•••••	5112	47960	3560	800	C	79	542	69,6	1"5/8	X	-	550
SN 08D P04 A3	184,7	47	4	::	2712	47960	3560	800	C	79	542	69,6	2x1"1/8	X	-	553
SN 08Y P04 D2	185,0	41	4	::	4312	46800	2090	800	B	73	678	87,0	2x1"3/8	X	-	646
SN 08Y L04 D2	185,1	41	4	••••	8438	46800	2090	800	B	73	678	87,0	1"5/8	-	X	711
SU 16Y P08 D1	186,9	25	8	::::	8438	47060	840	800	A	57	904	116,0	2x1"3/8	-	X	1088
SN 08D P04 B2	188,9	47	4	::	3342	56230	3390	800	C	79	508	65,2	2x1"1/8	X	-	564
SU 12Y P08 B1	189,1	32	8	::::	6342	53950	960	800	A	64	678	87,0	2x1"3/8	X	-	955
SU 12Y P06 D3	189,2	31	6	:::	6312	38680	730	800	A	63	1355	174,0	2x1"1/8	X	-	1042
SN 08D L04 B2	190,8	47	4	••••	6342	56230	3390	800	C	79	508	65,2	1"5/8	X	-	579
SE 12D P06 B2	194,6	37	6	:::	4842	47960	1220	800	A	69	762	97,9	2x1"3/8	X	-	815
SE 12D P08 A1	194,6	38	8	::::	5112	64460	1620	800	A	70	542	69,6	2x1"3/8	X	-	869
SN 08Y P06 B1	198,0	43	6	:::	4842	69500	3140	800	C	75	508	65,2	2x1"1/8	X	-	738
SN 08Y L05 B2	198,8	42	5	•••••	7998	53330	2680	800	B	74	635	81,5	1"5/8	-	X	725
SN 08D P06 A1	200,6	49	6	:::	3912	85030	5070	800	D	81	407	52,2	2x1"1/8	X	-	673
SU 16Y P10 B1	203,2	26	10	:::::	7998	54210	1050	800	A	58	847	108,7	2x1"3/8	-	X	1188
SN 08Y L06 A2	206,1	43	6	••••••	7512	57710	3280	800	C	75	610	78,3	2"1/8	X	-	751
SE 12D P06 B3	206,2	37	6	:::	4842	45140	1260	800	A	69	1017	130,5	2x1"5/8	X	-	894
SN 08Y P06 A2	206,6	43	6	:::	3912	57710	3280	800	C	75	610	78,3	2x1"3/8	X	-	735
SU 12Y P10 A1	208,1	33	10	:::::	6312	62510	1240	800	A	65	678	87,0	2x1"3/8	X	-	1075
SN 08D L05 A2	208,2	48	5	•••••	6312	64960	4360	800	C	80	508	65,2	1"5/8	X	-	631
SN 08D P04 B3	211,5	47	4	::	3342	52920	3470	800	C	79	678	87,0	2x1"1/8	X	-	618
SN 08Y L05 B3	212,7	42	5	•••••	7842	49250	2730	800	B	74	847	108,7	2"1/8	X	-	793
SU 12Y P08 B2	213,7	32	8	::::	6342	49500	990	800	A	64	1017	130,5	2x1"5/8	X	-	1057
SU 16Y P12 A1	214,3	27	12	::::::	7512	59750	1260	800	A	59	813	104,4	2x1"3/8	X	-	1281
SE 12D P08 B1	219,8	38	8	::::	6342	68220	1570	800	A	70	678	87,0	2x1"3/8	X	-	955
SE 12D P06 D2	220,5	37	6	:::	6312	51580	1170	800	A	69	1017	130,5	2x1"5/8	X	-	934
SU 16Y P10 B2	220,9	26	10	:::::	7998	49210	1050	800	A	58	1271	163,1	2x1"5/8	-	X	1317
SN 08D P04 D2	221,0	47	4	::	4312	60600	3270	800	C	79	678	87,0	2x1"3/8	X	-	646
SN 08D L04 D2	221,1	47	4	••••	8438	60600	3270	800	C	79	678	87,0	1"5/8	-	X	711
SN 08D P06 B1	229,2	49	6	:::	4842	90140	4930	800	C	81	508	65,2	2x1"1/8	X	-	738
SE 12D P08 A2	229,4	38	8	::::	5112	59100	1690	800	A	70	813	104,4	2x1"1/8	X	-	950

SN 08D : *660 rpm - 980 W max. - 2,41 A max. (4)*
SE 12D : *435 rpm - 230 W max. - 0,59 A max. (4)*
SN 08Y : *485 rpm - 570 W max. - 1,21 A max. (4)*
SU 12Y : *340 rpm - 140 W max. - 0,29 A max. (4)*
SU 16Y : *255 rpm - 100 W max. - 0,25 A max. (4)*

(1) Capacities are expressed in kW for R404A with DT1 = 15 K. They are equal to the capacities measured in accordance with standard CEN EN 327. "DT1" represents the difference between the ambient air temperature and the condensation temperature considered equal at an equivalent condenser inlet pressure.

(2) Sound pressure level in dB(A) measured at 10 m, line of sight, on a reflective parallelepiped measurement surface, given for information only. Values measured under nominal operating conditions with clean coils and rated voltage.
(3) Power required for all motors.
(4) Setting of overload protection levels.

M60	M25	M26	MTH	IRP	C2V	SCU	MCI	BAE	BXT	REH	RE ..	ECB	MEC	CMP	RP1	RP2	RP3	MSK
+1	+1	+1	o	o	o	o	o	o	+1	o	o	o	o	o	o	o	o	o

NEOSTAR SILENCE - Axial fan condenser

R404A DT1 = 15K

NEOSTAR SILENCE	Capacity (1) DT1 = 15K	Ventilation			Total length	Ventilation					Coil		Connections			Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement		Air flow	True input power (3)	Fans	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides	
	kW	dB(A)			mm	m³/h	W total	Ø mm		dB(A)	m²	dm³	Ø mm			kg
SN 08Y P08 A1	230,4	44	8	::::	5112	86210	4280	800	C	76	542	69,6	2x1"3/8	X	-	869
SU 16Y P12 A2	233,5	27	12	::::::	7512	52630	1260	800	A	59	1220	156,6	2x2"1/8	X	-	1403
SU 12Y P10 B1	236,2	33	10	:::::	7998	67440	1200	800	A	65	847	108,7	2x1"3/8	-	X	1188
SN 08D L05 B2	237,7	48	5	•••••	7998	70280	4240	800	C	80	635	81,5	1"5/8	-	X	725
SN 08Y P06 B2	238,7	43	6	:::	4842	64000	3220	800	B	75	762	97,9	2x1"3/8	X	-	815
SU 16Y P12 B1	241,6	27	12	::::::	9342	65050	1260	800	A	59	1017	130,5	2x1"5/8	X	-	1418
SE 12D P10 A1	244,1	39	10	:::::	6312	80570	2030	800	A	71	678	87,0	2x1"3/8	X	-	1075
SU 16Y P14 A1	247,8	27	14	:::::::	8712	69710	1470	800	A	59	949	121,8	2x1"5/8	X	-	1466
SN 08D L06 A2	248,9	49	6	••••••	7512	77960	5230	800	C	81	610	78,3	2"1/8	X	-	751
SU 12Y P12 A1	249,9	34	12	::::::	7512	75010	1490	800	A	66	813	104,4	2x1"3/8	X	-	1281
SN 08D P06 A2	250,1	49	6	:::	3912	77960	5230	800	C	81	610	78,3	2x1"3/8	X	-	735
SE 12D P08 B2	259,3	38	8	::::	6342	63950	1630	800	A	70	1017	130,5	2x1"5/8	X	-	1057
SN 08D L05 B3	264,4	48	5	•••••	7842	66140	4330	800	C	80	847	108,7	2"1/8	X	-	793
SN 08Y P08 B1	265,1	44	8	::::	6342	92660	4190	800	C	76	678	87,0	2x1"3/8	X	-	955
SU 12Y P10 B2	266,6	33	10	:::::	7998	61870	1240	800	A	65	1271	163,1	2x1"5/8	-	X	1317
SU 16Y P12 B2	267,2	27	12	::::::	9498	59050	1260	800	A	59	1525	195,7	2x2"1/8	-	X	1571
SN 08D P08 A1	267,5	50	8	::::	5112	113370	6770	800	D	82	542	69,6	2x1"3/8	X	-	869
SE 12D P10 B1	275,0	39	10	:::::	7998	85270	1960	800	A	71	847	108,7	2x1"3/8	-	X	1188
SN 08Y P08 A2	275,0	44	8	::::	5112	76940	4380	800	C	76	813	104,4	2x1"5/8	X	-	950
SN 08D P06 A3	276,4	49	6	:::	3912	71930	5340	800	C	81	813	104,4	2x1"3/8	X	-	799
SN 08D L06 A3	276,9	49	6	••••••	7512	71930	5340	800	C	81	813	104,4	2"1/8	X	-	816
SN 08Y P06 D2	277,4	43	6	:::	6312	70190	3130	800	B	75	1017	130,5	2x1"5/8	X	-	934
SU 12Y P12 B1	281,9	34	12	::::::	9342	80930	1440	800	A	66	1017	130,5	2x1"5/8	X	-	1418
SU 16Y P14 B1	284,1	27	14	:::::::	10842	75890	1470	800	A	59	1186	152,2	2x2"1/8	X	-	1654
SU 16Y P16 A1	285,1	28	16	::::::::	9912	79660	1680	800	A	60	1084	139,2	2x2"1/8	X	-	1646
SE 12D P10 A2	287,9	39	10	:::::	6312	73880	2110	800	A	71	1017	130,5	2x1"5/8	X	-	1178
SN 08Y P10 A1	288,3	45	10	:::::	6312	107760	5350	800	C	77	678	87,0	2x1"3/8	X	-	1075
SU 12Y P14 A1	288,3	34	14	:::::::	8712	87510	1730	800	A	66	949	121,8	2x1"5/8	X	-	1466
SE 12D P08 D2	294,0	38	8	::::	8438	68780	1560	800	A	70	1355	174,0	2x1"5/8	-	X	1228
SN 08Y P06 D3	297,9	43	6	:::	6312	66620	3180	800	B	75	1355	174,0	2x1"5/8	X	-	1042
SN 08D P08 B1	306,6	50	8	::::	6342	120190	6570	800	C	82	678	87,0	2x1"3/8	X	-	955
SU 16Y P14 B2	312,4	27	14	:::::::	10998	68890	1470	800	A	59	1779	228,3	2x2"1/8	-	X	1833
SN 08D P06 B3	317,7	49	6	:::	4842	79370	5200	800	C	81	1017	130,5	2x1"5/8	X	-	894
SN 08Y P08 B2	317,9	44	8	::::	6342	85330	4290	800	B	76	1017	130,5	2x1"5/8	X	-	1057
SE 12D P10 B2	323,8	39	10	:::::	7998	79940	2040	800	A	71	1271	163,1	2x1"5/8	-	X	1317
SU 16Y P16 B1	325,5	28	16	::::::::	12342	86740	1680	800	A	60	1355	174,0	2x2"1/8	X	-	1874
SE 12D P12 B1	328,8	40	12	::::::	9342	102320	2360	800	A	72	1017	130,5	2x1"5/8	X	-	1418
SU 12Y P14 B1	330,2	34	14	:::::::	10842	94420	1680	800	A	66	1186	152,2	2x2"1/8	X	-	1654
SN 08Y P10 B1	331,7	45	10	:::::	7998	115830	5240	800	C	77	847	108,7	2x1"3/8	-	X	1188
SN 08D P08 A2	332,5	50	8	::::	5112	103940	6970	800	C	82	813	104,4	2x1"5/8	X	-	950
SN 08Y P12 A1	343,0	46	12	::::::	7512	129310	6420	800	C	78	813	104,4	2x1"5/8	X	-	1281
SN 08Y P10 A2	343,7	45	10	:::::	6312	96180	5470	800	C	77	1017	130,5	2x1"5/8	X	-	1178
SE 12D P12 A2	345,8	40	12	::::::	7512	88660	2530	800	A	72	1220	156,6	2x2"1/8	X	-	1403
SU 16Y P16 B2	355,6	28	16	::::::::	12342	78740	1680	800	A	60	2033	260,9	2x2"1/8	X	-	2078
SN 08D P08 A3	367,9	50	8	::::	5112	95910	7110	800	C	82	1084	139,2	2x1"5/8	X	-	1035
SE 12D P10 D2	368,1	39	10	:::::	10438	85970	1950	800	A	71	1694	217,5	2x2"1/8	-	X	1524
SN 08Y P08 D2	370,0	44	8	::::	8438	93590	4180	800	B	76	1355	174,0	2x1"5/8	-	X	1228
SU 12Y P16 B1	378,2	35	16	::::::::	12342	107900	1920	800	A	67	1355	174,0	2x2"1/8	X	-	1874
SN 08D P08 B2	381,6	50	8	::::	6342	112460	6790	800	C	82	1017	130,5	2x1"5/8	X	-	1057
SE 12D P14 B1	385,1	40	14	:::::::	10842	119380	2750	800	A	72	1186	152,2	2x2"1/8	X	-	1654
SE 12D P12 B2	389,4	40	12	::::::	9498	95930	2440	800	A	72	1525	195,7	2x2"1/8	-	X	1571
SN 08Y P10 B2	397,5	45	10	:::::	7998	106660	5360	800	B	77	1271	163,1	2x1"5/8	-	X	1317
SE 12D P14 A2	403,3	40	14	:::::::	8838	103430	2960	800	A	72	1423	182,7	2x2"1/8	-	X	1603

NEOSTAR SILENCE - Axial fan condenser

NEOSTAR SILENCE	Capacity (1) DT1 = 15K	Ventilation			Total length	Ventilation					Coil		Connections			Net weight
		Acoustic Lp (2)	Total number of fans	Fan arrangement		Air flow	True input power (3)	Fans	Energy efficiency class	Acoustic Lw	Surface	Circuit volume	Inlet / Outlet	Same side	Opposite sides	
	kW	dB(A)			mm	m^3/h	W total	Ø mm		dB(A)	m^2	dm^3	Ø mm			kg
SN 08Y P12 A2	**412,1**	46	12	⁞⁞⁞	7512	115420	6570	800	C	78	1220	156,6	2x2"1/8	X	-	1403
SE 12D P12 B3	**412,8**	40	12	⁞⁞⁞	9498	90290	2520	800	A	72	2033	260,9	2x2"1/8	-	X	1732
SN 08D P10 A2	**416,5**	51	10	⁞⁞	6312	129930	8710	800	C	83	1017	130,5	2x1"5/8	X	-	1178
SU 12Y P16 B2	**427,4**	35	16	⁞⁞⁞⁞	12342	98990	1990	800	A	67	2033	260,9	2x2"1/8	X	-	2078
SN 08Y P12 A3	**438,5**	46	12	⁞⁞⁞	7512	103990	6650	800	C	78	1627	208,8	2x2"1/8	X	-	1534
SE 12D P16 B1	**439,7**	41	16	⁞⁞⁞⁞	12342	136430	3140	800	A	73	1355	174,0	2x2"1/8	X	-	1874
SN 08D P08 D2	**442,3**	50	8	⁞⁞	8438	121210	6530	800	C	82	1355	174,0	2x1"5/8	-	X	1228
SE 12D P14 B2	**452,2**	40	14	⁞⁞⁞⁞	10998	111920	2850	800	A	72	1779	228,3	2x2"1/8	-	X	1833
SE 12D P16 A2	**459,1**	41	16	⁞⁞⁞⁞	10038	118210	3380	800	A	73	1627	208,8	2x2"1/8	-	X	1789
SN 08D P10 A3	**461,0**	51	10	⁞⁞	6312	119890	8890	800	C	83	1355	174,0	2x1"5/8	X	-	1289
SN 08D P10 B2	**475,4**	51	10	⁞⁞	7998	140570	8490	800	C	83	1271	163,1	2x1"5/8	-	X	1317
SN 08Y P12 B2	**477,8**	46	12	⁞⁞⁞	9498	127990	6430	800	B	78	1525	195,7	2x2"1/8	-	X	1571
SE 12D P16 A3	**485,3**	41	16	⁞⁞⁞⁞	10038	108670	3480	800	A	73	2169	278,3	2x2"1/8	-	X	1931
SN 08D P12 A2	**497,8**	52	12	⁞⁞⁞	7512	155920	10460	800	C	84	1220	156,6	2x2"1/8	X	-	1403
SN 08Y P12 B3	**510,8**	46	12	⁞⁞⁞	9498	118200	6540	800	B	78	2033	260,9	2x2"1/8	-	X	1732
SE 12D P16 B2	**518,8**	41	16	⁞⁞⁞⁞	12342	127900	3260	800	A	73	2033	260,9	2x2"1/8	X	-	2078
SN 08D P10 B3	**528,7**	51	10	⁞⁞	7842	132290	8670	800	C	83	1694	217,5	2x2"1/8	X	-	1454
SN 08Y P16 B1	**530,0**	47	16	⁞⁞⁞⁞	12342	185330	8380	800	C	79	1355	174,0	2x2"1/8	X	-	1874
SE 12D P16 B3	**550,5**	41	16	⁞⁞⁞⁞	12498	120380	3350	800	A	73	2711	347,9	2x2"5/8	-	X	2280
SN 08D P12 A3	**553,7**	52	12	⁞⁞⁞	7512	143870	10670	800	C	84	1627	208,8	2x2"1/8	X	-	1534
SN 08Y P14 B2	**554,4**	46	14	⁞⁞⁞⁞	10998	149320	7500	800	B	78	1779	228,3	2x2"1/8	-	X	1833
SN 08D P12 B2	**570,5**	52	12	⁞⁞⁞	9498	168680	10180	800	C	84	1525	195,7	2x2"1/8	-	X	1571
SN 08D P14 A2	**582,4**	52	14	⁞⁞⁞⁞	8838	181900	12200	800	C	84	1423	182,7	2x2"1/8	-	X	1603
SN 08Y P14 B3	**594,1**	46	14	⁞⁞⁞⁞	10998	137900	7630	800	B	78	2372	304,4	2x2"1/8	-	X	2011
SN 08D P16 B1	**613,0**	53	16	⁞⁞⁞⁞	12342	240380	13130	800	C	85	1355	174,0	2x2"1/8	X	-	1874
SN 08D P12 B3	**632,7**	52	12	⁞⁞⁞	9498	158750	10400	800	C	84	2033	260,9	2x2"1/8	-	X	1732
SN 08Y P16 B2	**636,1**	47	16	⁞⁞⁞⁞	12342	170660	8580	800	B	79	2033	260,9	2x2"1/8	X	-	2078
SN 08D P14 B2	**663,6**	52	14	⁞⁞⁞⁞	10998	196800	11880	800	C	84	1779	228,3	2x2"1/8	-	X	1833
SN 08Y P16 B3	**679,7**	47	16	⁞⁞⁞⁞	12498	157600	8720	800	B	79	2711	347,9	2x2"5/8	-	X	2280
SN 08D P16 A3	**738,1**	53	16	⁞⁞⁞⁞	10038	191820	14230	800	C	85	2169	278,3	2x2"1/8	-	X	1931
SN 08D P14 B3	**738,7**	52	14	⁞⁞⁞⁞	10998	185210	12140	800	C	84	2372	304,4	2x2"1/8	-	X	2011
SN 08D P16 B2	**763,5**	53	16	⁞⁞⁞⁞	12342	224910	13580	800	C	85	2033	260,9	2x2"1/8	X	-	2078
SN 08D P16 B3	**840,7**	53	16	⁞⁞⁞⁞	12498	211660	13870	800	C	85	2711	347,9	2x2"5/8	-	X	2280
SN 08D P16 B4	**882,8**	53	16	⁞⁞⁞⁞	12498	199900	14090	800	C	85	3389	434,9	2x2"5/8	-	X	2484

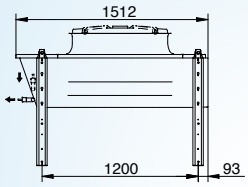
SN 08D : *660 rpm - 980 W max. - 2,41 A max. (4)*
SE 12D : *435 rpm - 230 W max. - 0,59 A max. (4)*
SN 08Y : *485 rpm - 570 W max. - 1,21 A max. (4)*
SU 12Y : *340 rpm - 140 W max. - 0,29 A max. (4)*
SU 16Y : *255 rpm - 100 W max. - 0,25 A max. (4)*

(1) Capacities are expressed in kW for R404A with DT1 = 15 K. They are equal to the capacities measured in accordance with standard CEN EN 327. "DT1" represents the difference between the ambient air temperature and the condensation temperature considered equal at an equivalent condenser inlet pressure.

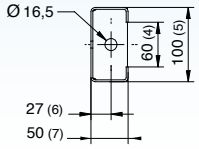
(2) Sound pressure level in dB(A) measured at 10 m, line of sight, on a reflective parallelepiped measurement surface, given for information only. Values measured under nominal operating conditions with clean coils and rated voltage.
(3) Power required for all motors.
(4) Setting of overload protection levels.

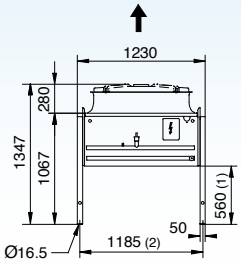
M60	M25	M26	MTH	IRP	C2V	SCU	MCI	BAE	BXT	REH	RE ..	ECB	MEC	CMP	RP1	RP2	RP3	MSK
+👤	+👤	+👤	o	o	o	o	o	o	+👤	o	o	o	o	o	o	o	o	o

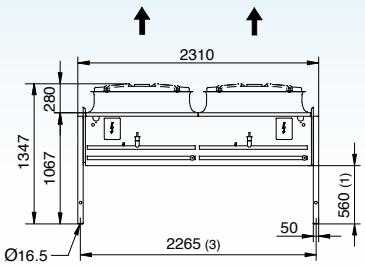
Type of module: A
Vertical air flow

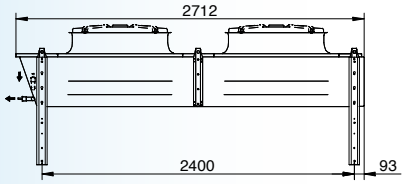


... L01 A... / ... P02 A...



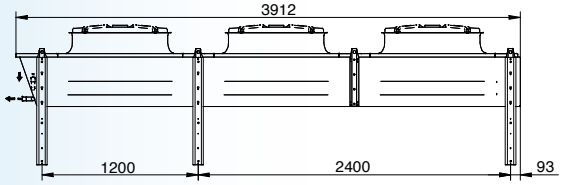




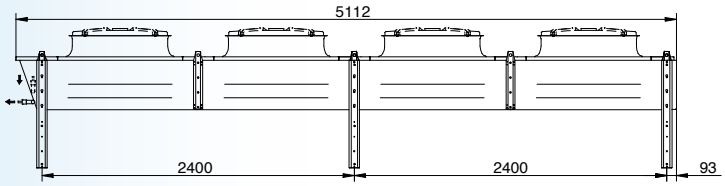


... L02 A... / ... P04 A...

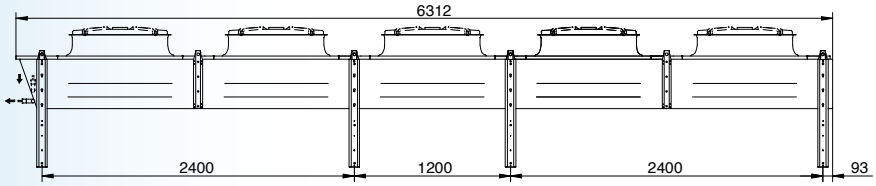
OPTIONS	(1)	(2)	(3)	(4)	(5)	(6)	(7)
REH	800	1185	2265	60	100	27	50
RE2	1400	1205	2285	90	130	37	70
RE3	1900	1205	2285	90	130	37	70
RE4	2400	1205	2285	90	130	37	80



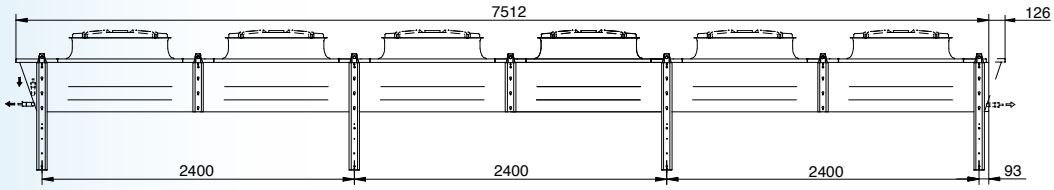
... L03 A... / ... P06 A...



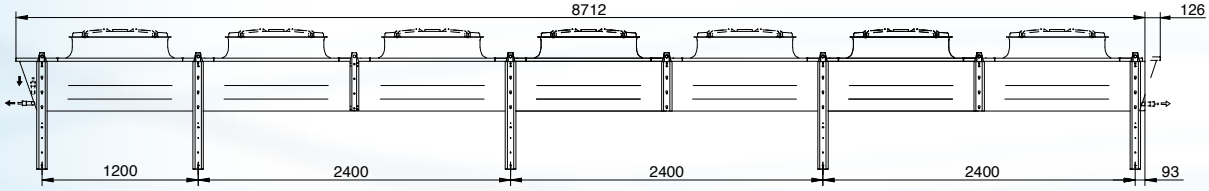
... L04 A... / ... P08 A...



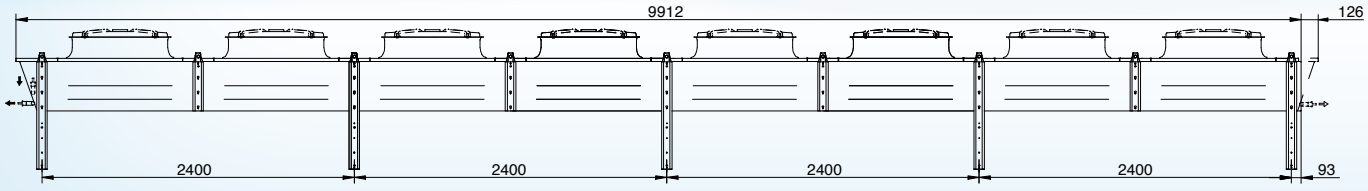
... L05 A... / ... P10 A...



... L06 A... / ... P12 A...

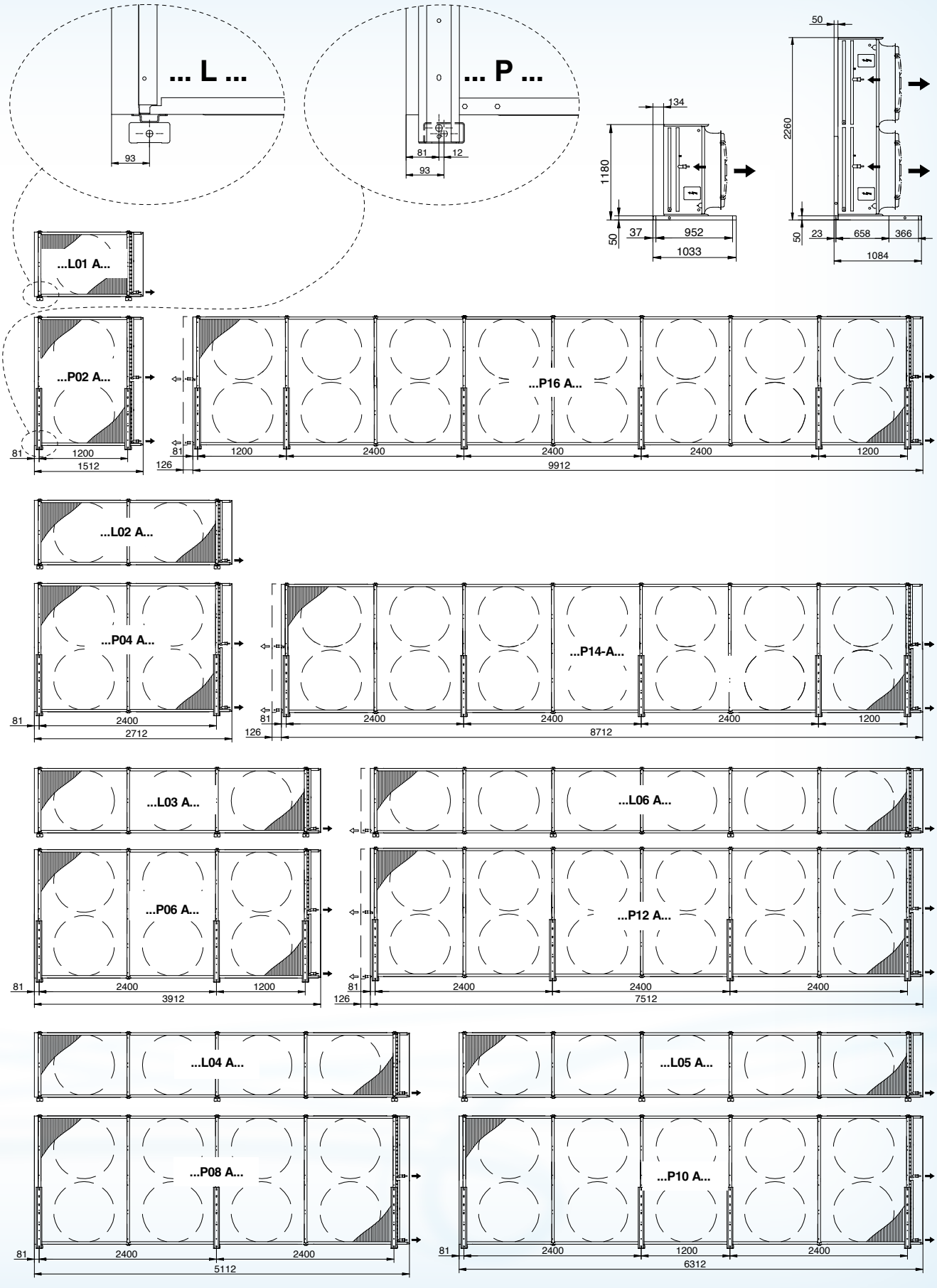


... P14 A...

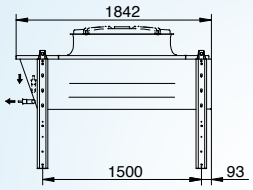


... P16 A...

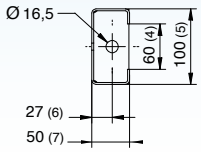
Type of module: A
Horizontal air flow

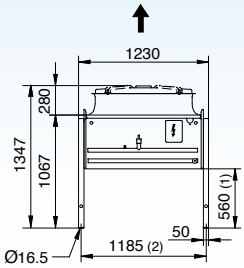


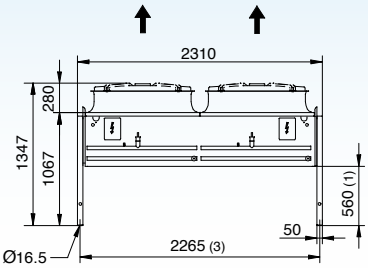
Type of module: B
Vertical air flow

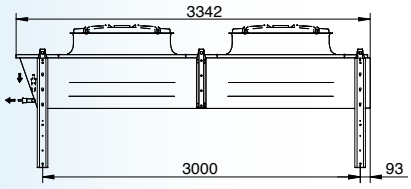


... L01 B... / ... P02 B...



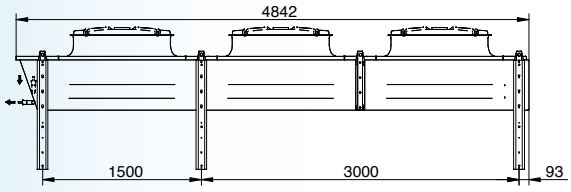




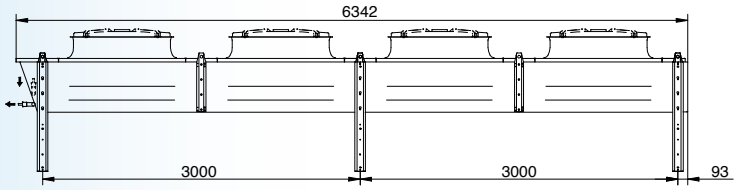


... L02 B... / ... P04 B...

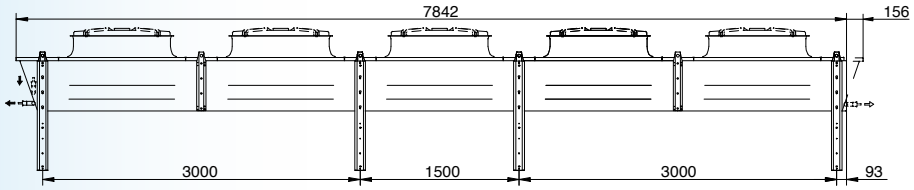
OPTIONS	(1)	(2)	(3)	(4)	(5)	(6)	(7)
REH	800	1185	2265	60	100	27	50
RE2	1400	1205	2285	90	130	37	70
RE3	1900	1205	2285	90	130	37	70
RE4	2400	1205	2285	90	130	37	80



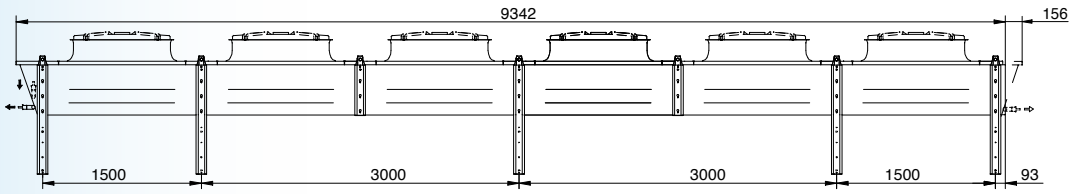
... L03 B... / ... P06 B...



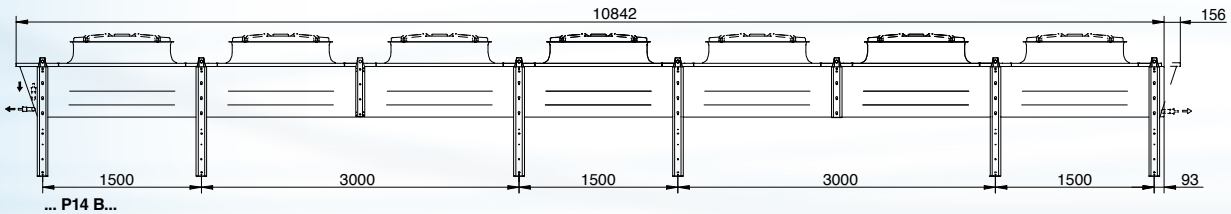
... L04 B... / ... P08 B...



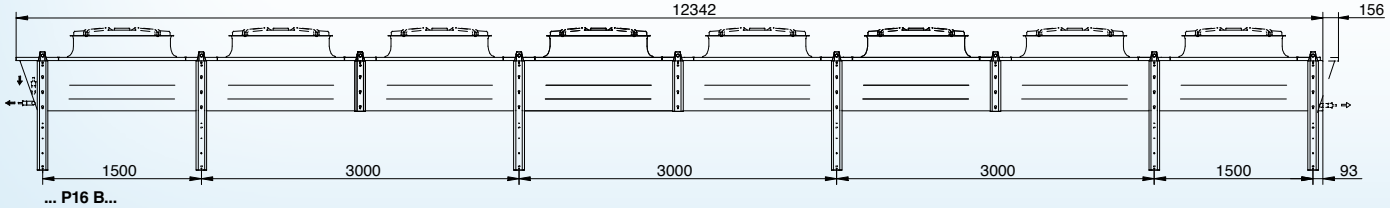
... L05 B... / ... P10 B...



... P12 B...

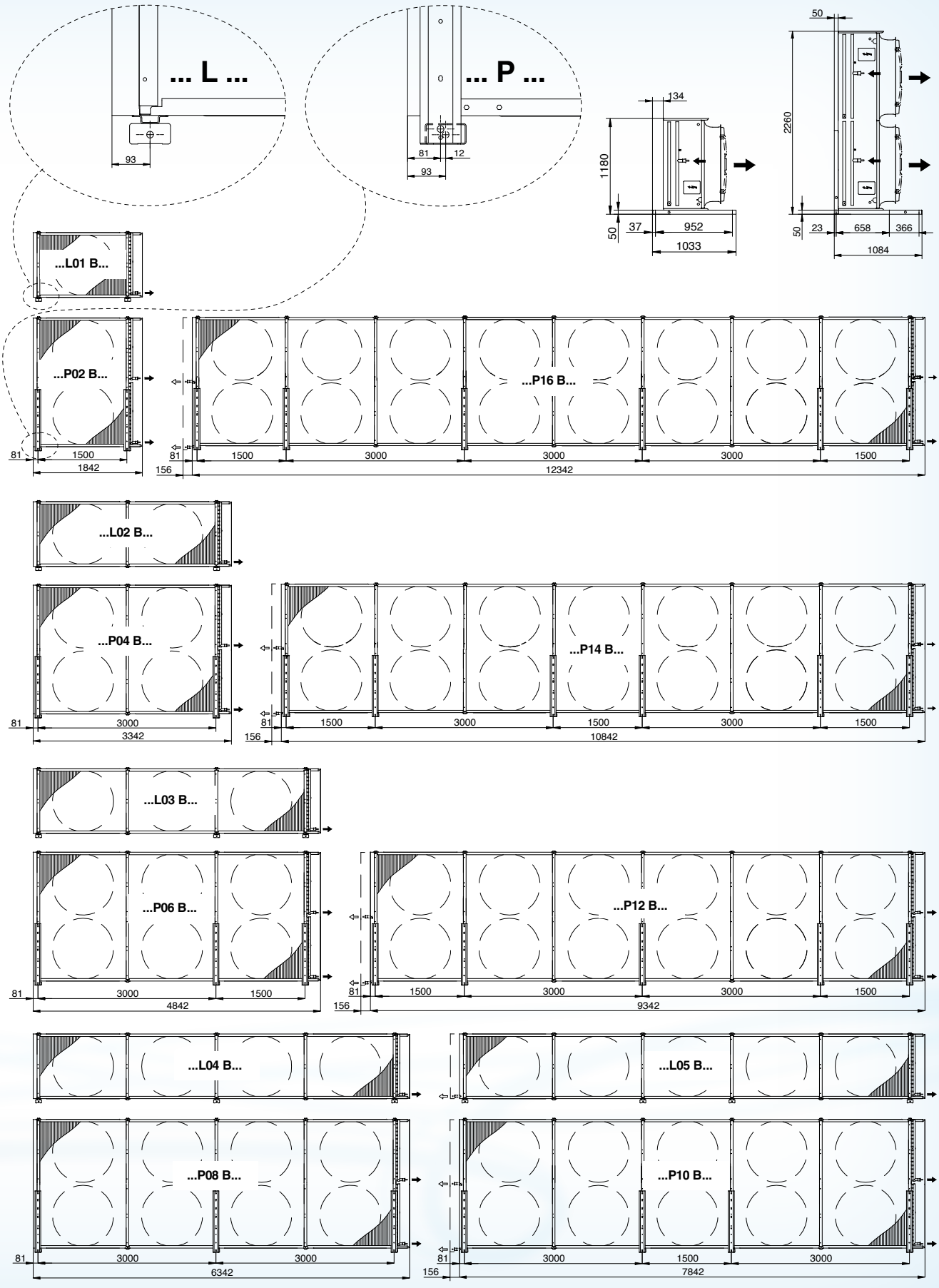


... P14 B...

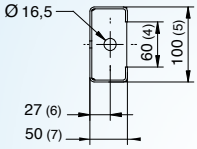


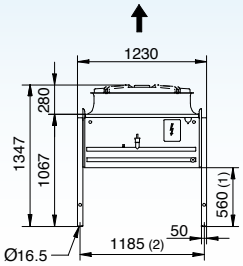
... P16 B...

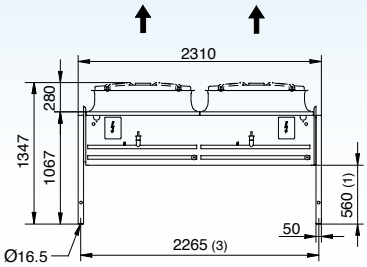
Type of module: B
Horizontal air flow

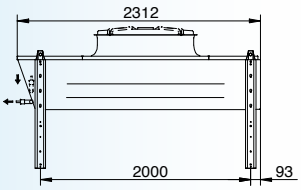


Type of module: D
Vertical air flow



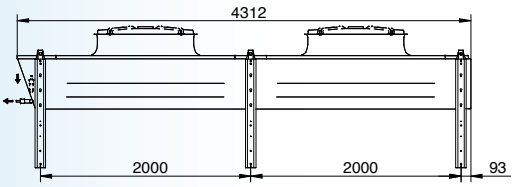




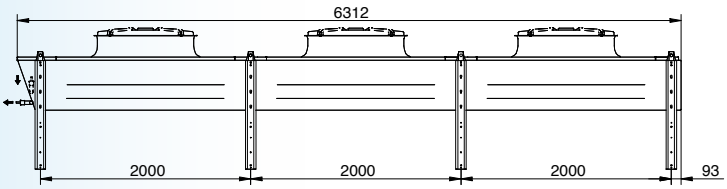


... L01 D... / ... P02 D...

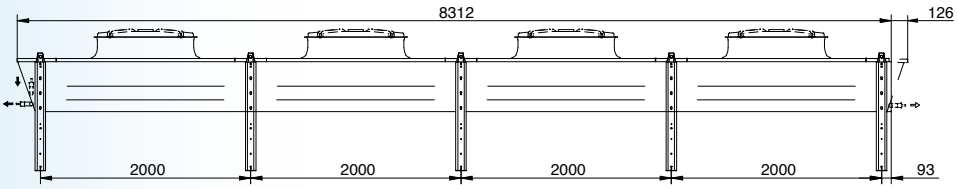
OPTIONS	(1)	(2)	(3)	(4)	(5)	(6)	(7)
REH	800	1185	2265	60	100	27	50
RE2	1400	1205	2285	90	130	37	70
RE3	1900	1205	2285	90	130	37	70
RE4	2400	1205	2285	90	130	37	80



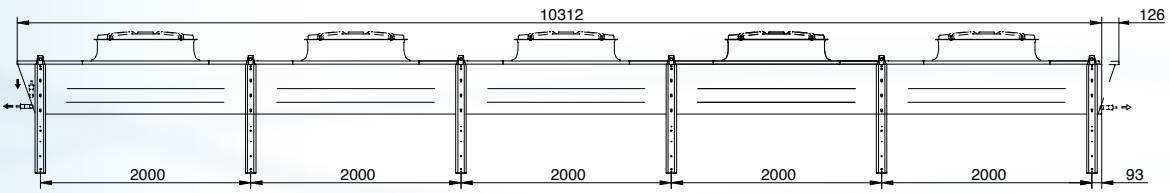
... L02 D... / ... P04 D...



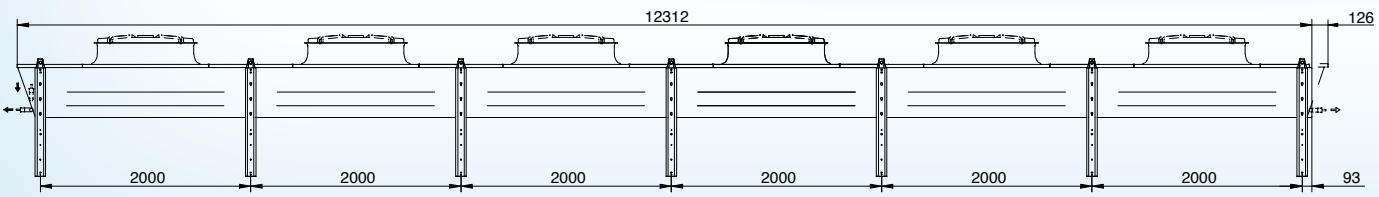
... L03 D... / ... P06 D...



... L04 D... / ... P08 D...



... P10 D...



... P12 D...

Type of module: D
Horizontal air flow